ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 139 (1998) 369

COLLOIDS AND SURFACES A

Author Index

Ali, A.A.M., 81
Aomari, N., 13
Atteia, O., 171

Bastogne, F., 311
Berger, F., 109
Biggs, S., 199
Bremmell, K.E., 199
Bury, R., 99

Cabioc'h, F., 13
Cabot, B., 287
Chanamai, R., 241
Chang, M.-C., 75
Cheng, H., 21
Chikazawa, M., 341
Coupland, J.N., 241
Crocker, M., 351

Dalas, E., 335
David, C., 311
Dékány, I., 109
Deratani, A., 287

Emeis, K.A., 351

Favoriti, P., 99
Foissy, A., 287
Fruhner, H., 137
Fukunaka, Y., 155

Gaudu, R., 13
Góralczyk, D., 329
Gu, Y., 213

Haburcák, M., 189
Hartland, S., 41
Hermetter, A., 189
Herold, R.H.M., 351
Hianik, T., 189
Higashitani, K., 55
Ho, C.C., 49
Huang, C.-L., 75

Ishikawa, T., 341

Jameson, G.J., 199
Jeelani, S.A.K., 41
Jenkins, P., 27
Julian McClements, D., 241

Kamata, Y., 155
Kanda, Y., 55
Kandori, K., 341
Khew, M.C., 49
Kim, J.-H., 49
Király, Z., 109
Kita, K., 329
Kurumada, K.-i., 163
Kusaka, E., 155
Kuschk, P., 91

Lan, W.-Z., 7
Larsson, A., 259
Lee, D.-Y., 49
Li, D., 213
Lin, H.-L., 75
Liu, D., 21
Liu, H.-G., 7
Lohner, K., 189
Lužáková, V., 271

Ma, J., 21
Matsuoka, H., 321
May, K., 41
Murataki, T., 163

Nakabayashi, H., 163
Nakahiro, Y., 155
Nakamura, T., 55, 279
Nakashima, K., 251
Nishihara, A., 251
Nishimiya, N., 299
Niyaz Khan, M., 63

Okano, Y., 279
Omari, A., 13
Oteo, J.L., 227

Paltauf, F., 189
Park, Y.-J., 49
Pierri, E., 335
Prenner, E., 189

Ralston, J., 27
Rath, S.K., 129
Remmler, M., 91
Roosenbrand, B.G., 351
Rubio, F., 227
Rubio, J., 227

Salou, M., 299
Singh, R.P., 129
Stottmeister, U., 91
Šutý, S., 271
Szücs, A., 109

Takahashi, K., 321
Tanigaki, M., 163
Tanimoto, S., 321
Treiner, C., 99
Tsutsumi, K., 299

Wall, S., 259
Wan, C.-C., 75
Wang, Y.-Y., 75
Wantke, K-D., 137
Warszynski, P., 137
Watanabe, T., 341
Wiener, A., 91
Wilson, A.E., 351

Yamaoka, H., 321
Yamashita, Y., 251
Yamazaki, S., 299
Yang, K.-Z., 7
Yasuda, S., 251

Zaki, M.I., 81
Zhao, Z., 21

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 139 (1998) 371–372

COLLOIDS AND SURFACES A

Subject Index

Activated carbon, 91
Activated coke, 91
Adsorption, 55, 91, 251, 271, 287
Adsorption kinetics, 137
Aerosil, 251
Aggregation, 163, 171
Aggregation efficiency, 171
Aluminum bearing magnetite, 279
Aluminum surfaces, 299
Amylopectin, 129
Anionic–cationic adsorption films, 329
Anionic and cationic surfactants, 63
AOT, 21
Aqueous dispersion, 251
Atomic force microscope, 55
Atomic force microscope (AFM), 199
Atomic force microscopy, 49

Bilayer lipid membranes, 189
Bimolecular layer, 341

Calcium alkyl phosphate, 341
Calcium carbonate, 271
Calorimetric method, 99
Capillary suction time, 75
Carboxylated random copolymer, 49
Catalyst, 351
Cationic polyelectrolyte, 75
Cetylpyridinium chloride, 99
Cetyltrimethylammonium chloride, 155
Coalescence, 41
Colloidal interactions, 49
Colloid stability, 199
Composition of mixed films, 329
Concentration, 241
Contact angle measurements, 299
Critical fraction, 13
Crude oil, 13
Crystallization, 335

Decylpyridinium chloride, 329
Density, 189
Deposited lignite pyrolysis wastewater, 91
Deposition, 271
Dicalcium phosphate dihydrate, 341
Dynamic surface tension, 137

Elasticity modulus, 189
Electric charge, 213
Emulsion, 13, 241
Epoxidation, 351
Europium complex, 7
Evanescent wave, 321
Excimer, 251

Fine particle processing, 155
Flocculation effluent, 129
Flocculation kinetics, 259
Fluorescence probe, 21
Fractal, 171

Gas microcalorimetry, 109
Graftcopolymer polyacrylamide, 129
Guar, 27

Hydrogen adsorption, 109
Hydrolysed metal cation, 155
Hydrolysis, 63
Hydrophobic surfaces, 27
Hydrothermal synthesis, 279

Ionic attraction, 41
Ionic surfactant solutions, 213
Iron phosphate, 335

Kaolin sludge, 75
Karst aquifer, 171
Kinetics, 63, 271

Laser Raman spectroscopy, 81
Latex film formation, 49

Lattice constant, 279
Layered structure, 341
Light scattering, 321
Liposome, 321
Liposomes, 189
liquid–liquid dispersion, 41
Liquid–liquid extraction, 155

Magnetization, 279
Maximum packing, 13
Micelles, 63
Microemulsion, 311
Mixed reverse micelles, 21
Mixed solvents, 63
Modelling, 171
Monolayer, 7
Monolithic gels, 163

N-Alkylaldonamide, 311
Nanoparticle, 7
Natural waters, 171
Non-aqueous system, 55
Nonionic surfactants, 21

O/W emulsions, 213
O/W interface, 213
Oil droplets, 213
Oscillating bubble, 137

Partially quaternized poly(vinylimidazole), 287
Particle–surface interaction, 321
Particle size, 241
Particle size distribution, 171
PBMA latex, 49
Pd nanoparticles, 109
Phase diagram, 311
Phenyl benzoate, 63
Phosphated zirconia, 81
Phosphated zirconium hydroxide, 81
Pillared clays, 109
Polyelectrolyte adsorption, 199
Polyelectrolyte complex, 259
Polyethylenimine, 271
Polymer adsorption, 27
Polysaccharides, 27
Polyunsaturated fatty acids, 189
Poly(vinylimidazole), 287
Porous polymers, 335
Potential profile, 321
Pulp fibres, 271
Pyrene derivative, 251
Pyridine adsorption, 81

Regular solution model, 329
Retention aids, 259
Rheology, 13

SAXS, 109
Sedimentation, 41, 171
Silane coupling agent treatment, 299
Silica, 155, 251, 259, 287
Silica microparticles, 163
Silicon oxide, 55
Sludge conditioning, 75
Sodium hexylsulfonate, 329
Sodium salicylate, 99
Sodium silicoborate glasses, 227
Sol–gel treatment, 299
Sol-gel method, 163
Solid/water interface, 99
Stability, 271
Starch, 259
Stopped flow, 259
Streaming current, 75
Surface charge, 271
Surface elasticity, 137
Surface force, 55
Surface forces, 199
Surface free energy, 299
Surface heterogeneity, 227
Surface interactions, 329
Surfactant, 137
Surfactants, 41

Talc, 27
Temperature, 241
Titania, 351
Titanium silicates, 351
Titanyl, 351
Turbidity, 259

Ultrafiltration, 91
Ultrasound, 241

Viscoelastic, 99
Volume compressibility, 189

XPS analysis, 279

Zirconia, 81